

S-12-10



1935903 - R8 SEMS

✓OK. 3-26-90

BENCH NO	SHOT NO	BLASTHOLE NO	ORE TYPE	FIRE AU	AA AU	AA/FIRE	AA/.88
S12	10	1	3-	0.022	0.025	113.64%	0.022
S12	10	2	3-		0.007		0.008
S12	10	3	3-		0.014		0.015
S12	10	4	3-	0.028	0.028	100.00%	0.028
S12	10	5	3-		0.006		0.007
S12	10	6	3-		0.011		0.012
S12	10	7	3-		0.016		0.018
S12	10	8	3-	0.021	0.016	76.19%	0.021
S12	10	9	3-		0.008		0.009
S12	10	10	3-		0.014		0.015
S12	10	41	3-		0.040		0.047
S12	10	42	3-	0.023	0.024	104.35%	0.023
S12	10	43	3-		0.015		0.016
S12	10	44	3-		0.024		0.027
S12	10	45	3-		0.013		0.014
S12	10	46	3-		0.005		0.005
S12	10	47	3-		0.022		0.025
S12	10	48	3-		0.016		0.018
S12	10	49	3-	0.015	0.014	93.33%	0.015
S12	10	50	3-		0.015		0.016
S12	10	51	3-		0.022		0.025
S12	10	81	3-		0.079		0.104
S12	10	82	3-	0.025	0.024	96.00%	0.025
S12	10	83	3-		0.056		0.072
S12	10	84	3-		0.037		0.043
S12	10	85	3-		0.014		0.015
S12	10	86	3-		0.051		0.065
S12	10	87	3-		0.022		0.025
S12	10	88	3-		0.007		0.008
S12	10	89	3-		0.013		0.014
S12	10	90	3-		0.021		0.024
S12	10	91	3-		0.015		0.016
S12	10	121	3-		0.019		0.022
S12	10	122	3-		0.030		0.035
S12	10	123	3-		0.026		0.030
S12	10	124	3-	0.020	0.023	115.00%	0.020
S12	10	125	3-	0.018	0.015	83.33%	0.018
S12	10	126	3-	0.034	0.037	108.82%	0.034
S12	10	127	3-	0.020	0.018	90.00%	0.020
S12	10	128	3-		0.014		0.015
S12	10	129	3-		0.014		0.012
S12	10	130	3-		0.014		0.015
S12	10	131	3-		0.020		0.023
S12	10	161	3-	0.031	0.032	103.23%	0.031
S12	10	162	3-		0.014		0.015
S12	10	163	3-		0.010		0.011

S12	10	164	3-	0.017-	0.019
S12	10	165	3-	0.054-	0.050-
S12	10	166	3-	0.036-	0.042
S12	10	167	3-	0.012-	0.013
S12	10	168	3-	0.014-	0.022
S12	10	169	3-	0.011-	0.012
S12	10	170	3-	0.012-	0.011-
S12	10	171	3-	0.016-	0.018
S12	10	201	3-	0.026-	0.022-
S12	10	202	3-	0.030-	0.035
S12	10	203	2-	0.014-	0.015
S12	10	204	3-	0.009-	0.010
S12	10	205	3-	0.005	0.005
S12	10	206	3-	0.209-	0.171-
S12	10	207	3-	0.036-	0.042
S12	10	208	3-	0.034-	0.040
S12	10	209	3-	0.022-	0.025
S12	10	210	2-	0.024-	0.023-
S12	10	211	3-	0.021	0.020-
S12	10	241	3-	0.046-	0.054
S12	10	242	3-	0.026-	0.030
S12	10	243	3-	0.042-	0.049
S12	10	244	3-	0.029-	0.034
S12	10	245	3-	0.037-	0.043
S12	10	246	3-	0.038-	0.037-
S12	10	247	2-	0.038-	0.030-
S12	10	248	3-	0.039-	0.046
S12	10	249	3-	0.076-	0.101
S12	10	250	3-	0.044-	0.051
S12	10	251	3-	0.015-	0.016-
S12	10	281	3-	0.020-	0.020-
S12	10	282	3-	0.049-	0.058-
S12	10	283	3-	0.064-	0.082
S12	10	284	3-	0.037-	0.033-
S12	10	285	3-	0.034-	0.040
S12	10	286	3-	0.029-	0.034
S12	10	287	3-	0.029-	0.034
S12	10	288	3-	0.017-	0.019
S12	10	289	3-	0.097-	0.079-
S12	10	290	3-	0.009-	0.010
S12	10	291	3-	0.020-	0.016-
S12	10	321	3-	0.068-	0.087
S12	10	322	3-	0.077-	0.102
S12	10	323	3-	0.048-	0.056
S12	10	324	3-	0.035-	0.041
S12	10	325	3-	0.033-	0.025-
S12	10	326	3-	0.013-	0.014
S12	10	327	3-	0.016-	0.018
S12	10	328	3-	0.049-	0.063
S12	10	329	3-	0.013-	0.012-
S12	10	330	3-	0.003-	0.003
S12	10	331	3-	0.002-	0.002
S12	10	332	3-	0.003-	0.003
S12	10	361	3-	0.059-	0.076
S12	10	362	3-	0.063-	0.081
S12	10	363	3-	0.025-	0.026-
				104.00%	0.025

S12	10	364	3-	0.006-	0.007
S12	10	365	3-	0.011-	0.012
S12	10	366	3-	0.008-	0.009
S12	10	367	2-	0.012-	0.012 100.00%
S12	10	368	3-	0.011-	0.012- 109.09%
S12	10	369	3-	0.004-	0.004
S12	10	370	3-	0.001-	0.001
S12	10	371	2-	0.005-	0.000- 0.00%
S12	10	372	3-	0.001-	0.001
S12	10	373	3-	0.003-	0.003
S12	10	401	3-	0.063-	0.053- 84.13%
S12	10	402	3-	0.011-	0.011- 100.00%
S12	10	403	3-	0.025-	0.025- 100.00%
S12	10	404	3-	0.005-	0.005
S12	10	405	3-	0.011-	0.012
S12	10	406	3-	0.008-	0.009
S12	10	407	3-	0.008-	0.007- 87.50%
S12	10	408	3-	0.007-	0.008
S12	10	409	3-	0.005-	0.005
S12	10	410	3-	0.003-	0.003
S12	10	411	3-	0.000-	0.000
S12	10	412	2-	0.006-	0.000- 0.00%
S12	10	413	3-	0.005-	0.005
S12	10	441	3-	0.054-	0.069
S12	10	442	3-	0.009-	0.010
S12	10	443	3-	0.009-	0.010
S12	10	444	3-	0.003-	0.003
S12	10	445	3-	0.007-	0.011- 157.14%
S12	10	446	3-	0.004-	0.004
S12	10	447	3-	0.007-	0.008
S12	10	448	3-	0.006-	0.007
S12	10	449	3-	0.003-	0.003
S12	10	450	3-	0.001-	0.001
S12	10	451	3-	0.001-	0.001
S12	10	452	3-	0.003-	0.001- 33.33%
S12	10	453	3-	0.002-	0.002
S12	10	454	3-	0.003-	0.003
S12	10	481	3-	0.007-	0.008
S12	10	482	3-	0.009-	0.010
S12	10	487	3-	0.009-	0.010
S12	10	488	3-	0.002-	0.002
S12	10	489	3-	0.014-	0.015
S12	10	490	3-	0.005-	0.002- 40.00%
S12	10	491	3-	0.003-	0.003
S12	10	492	3-	0.003-	0.003
S12	10	493	3-	0.001-	0.001
S12	10	494	3-	0.008-	0.009
S12	10	495	3-	0.010-	0.011
S12	10	530	3-	0.007-	0.008
S12	10	531	3-	0.004-	0.004
S12	10	532	3-	0.002-	0.002
S12	10	533	3-	0.002-	0.002
S12	10	534	3-	0.004-	0.004
S12	10	535	3-	0.013-	0.014
S12	10	536	3-	0.011-	0.012
S12	10	572	3-	0.004-	0.003- 75.00%
S12	10				0.004

S12	10	573	3-	0.014	0.015
S12	10	574	3-	0.007	0.008
S12	10	575	3-	0.004	0.004
S12	10	576	3-	0.006	0.007
S12	10	577	3-	0.016	0.018
S12	10	613	3-	0.002	0.002
S12	10	614	3-	0.003	0.003
S12	10	615	3-	0.013	0.014
S12	10	616	3-	0.006	0.007
S12	10	617	3-	0.020	0.022
S12	10	618	3-	0.031	0.030
S12	10	654	3-	0.042	0.046
S12	10	655	3-	0.006	0.007
S12	10	656	3-	0.005	0.005
S12	10	657	3-	0.005	0.005
S12	10	658	3-	0.079	0.104
S12	10	659	3-	0.046	0.054
S12	10	696	3-	0.021	0.021
S12	10	697	3-	0.044	0.051
S12	10	698	3-	0.057	0.073
S12	10	699	3-	0.016	0.017
S12	10	700	3-	0.014	0.016
S12	10	736	3-	0.013	0.014
S12	10	737	3-	0.013	0.014
S12	10	738	3-	0.006	0.007
S12	10	739	3-	0.004	0.004
S12	10	740	3-	0.011	0.012
S12	10	778	3-	0.008	0.009
S12	10	779	3-	0.006	0.007
S12	10	780	3-	0.006	0.007
S12	10	781	3-	0.022	0.021
S12	10	820	3-	1.091	0.902
S12	10	821	3-	0.042	0.049
S12	10	822	3-	0.010	0.011
S12	10	861	3-	0.007	0.008
S12	10	862	3-	0.003	0.003
S12	10	1001	3-	0.003	0.003
S12	10	1002	3-	0.001	0.001
S12	10	1003	3-	0.000	0.000
S12	10	1004	3-	0.004	0.004
S12	10	1005	3-	0.005	0.005
S12	10	1006	3-	0.004	0.002
S12	10	1007	3-	0.015	0.016
S12	10	1008	3-	0.033	0.030
S12	10	1009	3-	0.002	0.002
S12	10	1010	3-	0.002	0.002
S12	10	1011	3-	0.025	0.028
S12	10	1012	3-	0.007	0.008
S12	10	1013	3-	0.033	0.028
S12	10	1014	3-	0.021	0.018
S12	10	1015	3-	0.009	0.010
S12	10	1016	3-	0.013	0.011
S12	10	1017	3-	0.005	0.005
S12	10	1018	3-	0.001	0.001
S12	10	1019	3-	0.019	0.002
S12	10	1020	3-	0.009	0.010

S12	10	1021	3-	0.007	0.008
S12	10	1022	3-	0.011	0.012
S12	10	1023	3-	0.006	0.007
S12	10	1024	3-	0.005	0.005
S12	10	1025	3- 0.004	0.003	75.00%
S12	10	1026	3-	0.016	0.018
S12	10	1027	3-	0.007	0.008
S12	10	1028	3- 0.025	0.016	64.00%
S12	10	1029	3-	0.016	0.018
S12	10	1030	3- 0.021	0.020	95.24%
S12	10	1031	3-	0.014	0.015
S12	10	1032	3-	0.009	0.010
S12	10	1033	3-	0.004	0.004
S12	10	1034	3- 0.024	0.023	95.83%
S12	10	1035	3- 0.023	0.021	91.30%
S12	10	1036	3- 0.015	0.013	86.67%
S12	10	1037	3- 0.015	0.014	93.33%
S12	10	2001	3-	0.002	0.002
S12	10	2002	3-	0.001	0.001
S12	10	2003	3-	0.004	0.004
S12	10	2004	3-	0.004	0.004
S12	10	2005	3- 0.006	0.007	116.67%
S12	10	2006	3- 0.077	0.077	100.00%
S12	10	2007	3-	0.040	0.047
S12	10	2008	3-	0.002	0.002
S12	10	2009	3-	0.004	0.004
S12	10	2010	3-	0.014	0.015
S12	10	2011	3-	0.011	0.012
S12	10	2012	3-	0.003	0.003
S12	10	2013	3-	0.003	0.003
S12	10	2014	3-	0.004	0.004
S12	10	2015	3- 0.010	0.008	80.00%
S12	10	2016	3-	0.004	0.004
S12	10	2017	3-	0.010	0.011
S12	10	2018	3-	0.014	0.015
S12	10	2019	3-	0.026	0.030
S12	10	2020	3- 0.017	0.019	111.76%
S12	10	2021	3-	0.007	0.008
S12	10	2022	3-	0.007	0.008
S12	10	2023	3-	0.004	0.004
S12	10	2024	3- 0.025	0.019	76.00%
S12	10	2025	3-	0.007	0.008
S12	10	2026	3-	0.008	0.009

MEAN 0.043 0.022 0.025

N S-12-10
PATTERN
14' x 14'

TOE'S
10' CENTERS
STEP OUT / 14'
THEN 114'
CENTERS

• 659 • 658 • 657 • 656 • 655 • 654 •

• 2012

*739 *738 *737 *736

• 198 • 2008
1016

17 18 19

~~1240~~

607

10-23-89

29

10-24-89

49

10-25-89

36

10-26-89

44

10-27-89

36

10-30-89

35

10-31-89

28

1001 - 1021

1022 - 1050 (4)
2001 - 2049 / 17

E-12-10

PATTERN

14' x 14'

TOE'S

10' CENTERS

STEP OUT - 14'
THEN 1/4'
CENTERS

S HAMMER

*0 *2 *4 *6 *8 *5 *4 *3 *2 *1
*51 *50 *49 *48 *47 *46 *45 *44 *43 *42 *41
*41 *40 *39 *38 *37 *36 *35 *34 *33 *32 *31
*13 *10 *29 *28 *27 *26 *25 *24 *23 *22 *21
*17 *10 *59 *68 *67 *66 *65 *64 *63 *62 *61
*21 *10 *209 *208 *207 *206 *205 *204 *203 *202 *201
*251 *250 *249 *248 *247 *246 *245 *244 *243 *242 *241
*291 *290 *289 *288 *287 *286 *285 *284 *283 *282 *281
*332 *331 *330 *329 *328 *327 *326 *325 *324 *323 *321
*373 *372 *371 *370 *369 *368 *367 *366 *365 *364 *363 *362 *361
*413 *412 *411 *410 *409 *408 *407 *406 *405 *404 *403 *402 *401
*454 *453 *452 *451 *450 *449 *448 *447 *446 *445 *444 *443 *442 *441
*495 *494 *493 *492 *491 *490 *489 *488 *487 *486 *485 *484 *483 *482 *481

*537 *536 *535 *534 *533 *532 *531 *530

(*577 *576 *575 *574 *573 *572)

(*618 *617 *616 *615 *614 *613)

(*659 *658 *657 *656 *655 *654)

700 (*699 *698 *697 *696)

740 *739 *738 *737 *736

*781 *780 *779 *778

*821 *820

862 *861

2003 *2004 *2005

2006 *2007 *2008

1001 *1002 *1003

1004 *1005 *1006

37 *1007 *1008 *1009

1006 - 1028 28

BROHM MINING CORPORATION
BLAST HOLE ORE TYPE

PATTERN S-12-10

DATE 10-31-89

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE
1		X		121			X	241		X	
2		X		122			X	242		X	
3		X		123			X	243		X	
4		X		124			X	244		X	
5		X		125			X	245		X	
6		X		126			X	246		X	
7		X		127			X	247		X	
8		X		128			X	248		X	
9		X		129			X	249		X	
10		X		130			X	250		X	
				131			X	251		X	
41		X		161			X			372	
42		X		162			X	281		X	
43		X		163			X	282		X	
44		X		164			X	283		X	
45		X		165			X	284		X	
46		X		166			X	285		X	
47		X		167			X	286		X	
48		X		168			X	287		X	
49		X		169			X	288		X	
50		X		170			X	289		X	
51		X		171			X	290		X	
81		X		201			X	291		X	
82		X		202			X			410	
83		X		203		X		321		X	
84		X		204			X	322		X	
85		X		205			X	323		X	
86		X		206			X	324		X	
87		X		207			X	325		X	
88		X		208			X	326		X	
89		X		209			X	327		X	
90		X		210		X		328		X	
91		X		211		X		329		X	
								330		X	
								331		X	
								332		X	
									445		X
								446		X	
								447		X	
								448		X	
								449		X	
								450		X	
								451		X	
								452		X	

BROHM MINING CORPORATION
BLAST HOLE ORE TYPE

PATTERN S-12-10

DATE 10-31-89

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE
453		X						736		X		1014			X
454		X						737		X		1015			X
								738		X		1016			X
481	X			572		X		739		X		1017			X
482	X			573		X		740		X		1018			X
				574		X						1019			X
				575		X						1020			X
				576		X						1021			X
				577		X						1022			X
487		X						778		X		1023			X
488	X							779		X		1024			X
489	X							780		X		1025			X
490	X			613		X		781		X		1026			X
491	X			614		X						1027			X
492	X			615		X						1028			X
493	X			616		X						1029			X
494	X			617		X		820		X		1030			X
495	X			618		X		821		X		1031			X
								822		X		1032			X
												1033			X
												1034			X
				654		X		861		X		1035			X
				655		X		862		X		1036			X
				656		X						1037			X
				657		X									
530	X			658		X									
531	X			659		X									
532	X							1001		X		2001			X
533	X							1002		X		2002			X
534	X							1003		X		2003			X
535	X			696		X		1004		X		2004			X
536	X			697		X		1005		X		2005			X
				698		X		1006		X		2006			X
				699		X		1007		X		2007			X
				700		X		1008		X		2008			X
								1009		X		2009			X
								1010		X		2010			X
								1011		X		2011			X
								1012		X		2012			X
								1013		X		2013			X

PATTERN S-12-10

BLAST HOLE ORE TYPE

DATE 10-31-89

83 → 76 °C

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern

S-12-10

Submittal Date

10-26-89 1:07 pm

BLAST HOLE

Hot NaCN Shake
andDATE: 10-27-89NAME: VO

FIRE DETERMINATIONS

	BLAST HOLE			FIRE DETERMINATIONS		
	FIRE	NaCN		Hot NaCN Shake and		
	SAMPLE	AU.	AU.			
1.	367	.012	.012	25.	Standard ✓	.145
2.	407	.008	.007	26.	535	.013
3.	Vpulp		.027	27.	536	.011
4.	409		.005	28.	572-1	.004
5.	410		.003	29.	572-2	.003
6.	411		n.l.	30.	573	.014
7.	412	.006	n.l.	31.	574	.007
8.	Standard ✓	.014		32.	575	.004
9.	413		.005	33.		
10.	447		.007	34.		
11.	448		.006	35.	576	.006
12.	449		.003	36.	577	.016
13.	450		.001	37.	613	.002
14.	451		.001	38.	614	.003
15.	452	.003	.001	39.	615	.013
16.				40.	616	.006
17.				41.	617	.020
18.	453		.002	42.	Standard ✓	.015
19.	454		.003	43.	618	.031
20.	530		.007	44.	654	.042
21.	531		.004	45.	655	.006
22.	532		.002	46.	656	.005
23.	533		.002	47.	657	.005
24.	534		.004	48.	Standard ✓	.144

BM LD

Geo

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #

S-12-10

Submittal Date

10-26-89

1:07pm (cont)

BLAST HOLE

Hot NaCN Shake

and

FIRE DETERMINATIONS

DATE: 10-27-89

NAME: VO

	FIRE	NaCN	FIRE	NaCN
SAMPLE	Au.	Au.	SAMPLE	Au.
1. 658		.079	25. Standard ✓	
2. 659		.046	26.	
3. 696	.021	.021	27.	
4. 697		.044	28.	
5. 698		.057	29.	
6. 699-1	.016	.017	30.	
7. 699-2		.017	31.	
8. Standard ✓	.014 ¹⁴⁶	.014	32.	
9. pulp6		.025	33.	
10.			34.	
11.			35.	
12.			36.	
13.			37.	
14.			38.	
15.			39.	
16.			40.	
17.			41.	
18.			42. Standard ✓	
19.			43.	
20.			44.	
21.			45.	
22.			46.	
23.			47.	
24.			48.	

GJC

VDP
BM

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #

5-12-10

Submittal Date

10/24/89 (mt)

BLAST HOLE

DATE: 10/25/89

Hot NaCN Shake

NAME: LWJ 21

and

FIRE DETERMINATIONS

	FIRE	NaCN		FIRE	NaCN
SAMPLE	Au.	Au.		SAMPLE	Au.
1. 244		.029	25.	Standard ✓	
2. 245		.037	26.		
3. 246-1	.038	.037	27.		
4. 246-2		.037	28.		
5. 247	.035	.036	29.		
6. 284	.037	.033	30.		
7. 285		.034	31.		
8. Standard	046	.015	32.		
9. 286		.029	33.		
10. 287		.029	34.		
11. 325	.033	.025	35.		
12. 326		.013	36.		
13. 327		.016	37.		
14. VPolp6		.029	38.		
15. Std ✓	146	.147	39.		
16.			40.		
17.			41.		
18.			42.	Standard ✓	
19.			43.		
20.			44.		
21.			45.		
22.			46.		
23.			47.		
24.			48.		

VAD BM
✓ GSC

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #

5-12-10

Submittal Date

10/24/89 1:10p

BLAST HOLE

DATE: 10/25/89

Hot NaCN Shake
and

NAME: _____

FIRE DETERMINATIONS

	FIRE	NaCN		FIRE	NaCN
SAMPLE	Au.	Au.	SAMPLE	Au.	Au.
1. <i>V106</i>		.026	25. Standard ✓	.196	.145
2. 4	.028	.028	26. 126	.034	.037
3. 5		.026	27. 127-1	.020	.018
4. 6		.011	28. 127-2		.017
5. 7		.016	29. 129		.011
6. 9		.008	30. 130		.014
7. 10		.014	31. 131		.020
8. Standard ✓	.0146	.015	32. 164		.017
9. 44		.024	33.		
10. 45		.013	34.		
11. 46		.005	35. 165	.054	.050
12. 47		.022	36. 166		.036
13. 49	.015	.014	37. 167		.012
14. 50		.015	38. 169		.011
15. 51		.022	39. 170	.012	.011
16.			40. 171		.016
17.			41. 204		.009
18. 84		.037	42. Standard ✓	.0146	.015
19. 85		.014	43. 205		.005
20. 86		.051	44. 206	.209	.171
21. 87		.022	45. 207		.036
22. 89		.013	46. 209		.022
23. 90		.021	47. 210	.024	.023
24. 91		.015	48. Std ✓ .146	.147	

YD
BM
GJ

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #

S-12-10

Submittal Date

10/23/89 105P

BLAST HOLE

DATE: 10/24/89

Hot NaCN Shake
and

NAME: KW

FIRE DETERMINATIONS

	FIRE	NaCN		FIRE	NaCN
	SAMPLE	Au.		SAMPLE	Au.
1.	1	.022	.025	25.	Standard ✓
2.	2		.007	26.	281 .020
3.	3		.014	27.	282 .049
4.	41		.040	28.	283 .064
5.	42	.023	.024	29.	321 .068
6.	43		.015	30.	322 .077
7.	121		.019	31.	323 .048
8.	Standard ✓	.046	.016	32.	324 .035
9.	✓ Pulp		.028	33.	
10.	122		.030	34.	
11.	123		.026	35.	81 .079
12.	124	.020	.023	36.	82 .025 .024
13.	161-1	.031	.032	37.	83 .056
14.	161-2		.032	38.	Std ✓ .046 .015
15.	162		.014	39.	
16.				40.	
17.				41.	
18.	163		.010	42.	Standard ✓
19.	201	.026	.022	43.	
20.	202		.030	44.	
21.	203		.014	45.	
22.	241		.046	46.	
23.	242		.026	47.	
24.	243		.042	48.	

42
3M
5.5